

CAPE FEAR RIVER BASIN

0210215985 CAPE FEAR RIVER AT STATE HIGHWAY 42 NEAR BRICKHAVEN, NC

LOCATION.--Lat 35°32'55", long 79°01'33", Chatham County, Hydrologic Unit 03030004, at bridge on State Highway 42, and 1.8 mi south of Brickhaven.
DRAINAGE AREA.--3.160 mi².

PERIOD OF RECORD.--Water years 1989 to current year.

REMARKS.--Station operated to define water quality as part of a six-county regional surface-water quality assessment. Daily mean discharge values were obtained from the U.S. Army Corps of Engineers reservoir releases from the B. Everett Jordan Lake at the 2400 hour and the daily mean discharge value from Deep River near Moncure (station 02102000). The values from these two sites were added together and entered as a daily mean discharge for each date and time that a water-quality sample was collected.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

0210215985 CAPE FEAR RIVER AT STATE HIGHWAY 42 NEAR BRICKHAVEN, NC—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Selen- ium, water, unfltrd ug/L (01147)	Silver, water, unfltrd recover -able, ug/L (01077)	Zinc, water, unfltrd recover -able, ug/L (01092)	Sus- pended sediment concen- tration mg/L (80154)	Sus- pended sediment load, tons/d (80155)
OCT 02...	<3	<0.3	37	4	2.6
DEC 13...	--	--	--	16	283
FEB 24...	--	--	--	176	7,300
APR 03...	<3	<0.3	E18	24	688
JUN 23...	--	--	--	18	117

Remark codes used in this table:

< -- Less than

E -- Estimated value

M-- Presence verified, not quantified